

Applicant : Yoshida et al.
Serial No. : to be determined
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REMARKS

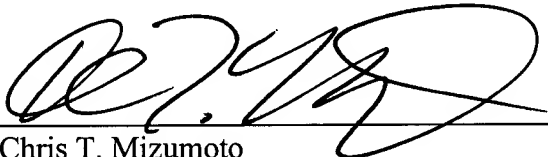
This is a divisional of parent application no. 09/500,719, filed February 9, 2000.
Applicants request examination on claims 4-9 not elected for examination in the parent application. Claims 1 to 3 have been deleted.

Attached is a marked-up version of the changes being made by the current amendment.

Applicant asks that all claims be examined. Please apply any other charges or credits to
Deposit Account No. 06-1050.

Respectfully submitted,

Date: August 16, 2001


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Version with markings to show changes made

In the specification:

Insert before the paragraph beginning at page 1, line 1 has been amended as follows:

This application is a divisional of US Application No. 09/500,719, filed February 9, 2000.

In the claims:

Claims 1 to 3 have been cancelled.

Claim 4 has been amended as follows:

4. (Amended) A genomic DNA analytical pattern, which has been obtained by means of a method of analysis [according to any of claims 1 to 3] comprising:

(a) treating genomic DNA with a first restriction enzyme that provides restriction enzyme cleavage sites of different sequences;

(b) linking one end of an adapter to a restriction enzyme cleavage site that is complementary to the end of the adapter, and labeling the other end of said adapter;

(c) treating the resulting DNA fragments with a second restriction enzyme to bring about first-dimensional fractionation;

(d) treating the fractionated DNA fragments of step (c) with a third restriction enzyme to bring about second-dimensional fractionation; and

(e) detecting the spots of the labeled DNA fragments fractionated in step (d).

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